



DASHBOARD

USER GUIDE

INTRODUCTION

- **Overview:** The H&M Dashboard is designed to manage inventory, monitor sales performance, and handle real-time data updates effectively.
 - Real-time monitoring of sales /revenue and inventory
 - Sales performance and revenue tracking
 - Automated processes like restocking and data updates
- **Purpose:** The purpose of the H&M Dashboard is to streamline business operations, improve decision-making, and provide real-time insights into sales and inventory data.

AUDIENCE

- **Who is this guide for?**
 - **Admins:** Access to all sections of the dashboard, including sales, inventory, and revenue.
 - **Sales / Revenue and Inventory Teams:** To monitor stock levels, reorder points, and revenue trends.
 - **Customer Support Team:** Access notifications and alerts to manage customer inquiries and low stock alerts.

GET STARTED

- **What This Section Covers:**
 - Home Page Overview
 - How to Log In
 - How to Log Out
- **Objective:**
 - This section helps users understand how to access the H&M Dashboard and navigate the basic features like login, logout, and the main interface.

HOME PAGE OVERVIEW

- **Welcome Message:**
 - The home page contains a simple message: "Welcome to the Dashboard".
- **Main Navigation Bar:**
 - Located on the left side, it allows you to access different sections of the dashboard.
- Key routes in the navigation bar:
 - **Home:** Main Home screen.
 - **Inventory:** Track stock levels and product details in real-time.
 - **Revenue:** View revenue and sales data.
 - **Sales:** Real-time sales data and performance metrics.
 - **Customer Support:** Manage customer queries and alerts.

 Login

 Help

localhost:3000

Welcome to E-Commerce Sales Dashboard

Monitor and analyze sales performance and inventory levels.

Our dashboard provides real-time updates, historical data analysis, and predictive insights to help businesses optimize their operations and make data-driven decisions.



Click here to Login
to Dashboard

LOG IN / LOG OUT TO THE DASHBOARD

- **Steps to Log In:**

- Navigate to the login page.
- Enter your **username** and **password**.
- Click the **Login** button.
- **Successful Login:**
 - After login, you will be redirected to the home page, which contains the welcome message and navigation bar.

- **Steps to Log Out:**

- Click on power off button right to your profile name in the top-right corner.
- **Logout Confirmation:**
 - Logging out ends your session and returns you to the home page.



Back to Home Page

H&M Dashboard

Username:

adminTest

Password:

.....

Login

Write your
username here

Write your
password here

Click on Login to
submit

***"Crafting the Future of Fashion with
Insightful Data."***



*Enhancing design and strategy with deep analytics and a visionary
approach to fashion data.*



adminTest
admin



Click on this to
Logout from
Dashboard



Sales



Inventory



Revenue



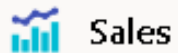
Support

NAVIGATION OVERVIEW

- **Location:**
 - The navigation bar is located on the left side of the dashboard.
- **Key Routes Available:**
 - **Inventory:**
 - Manage stock levels, view product details, and monitor alerts.
 - **Revenue:**
 - Analyze revenue trends, costs, and profit margins.
 - **Sales:**
 - View sales performance data and top products.
 - **Customer Support:**
 - Handle customer inquiries and notifications related to stock levels.

USER NAVIGATION TIPS

- **Quick Navigation:**
 - Use the navigation bar to jump between sections quickly.
- **Hover Effects:**
 - Hovering over each route may display additional information about the section.
- **Role-Based Access:**
 - Ensure you have the necessary permissions to access each section, as some routes are restricted based on user roles.



Sales



Inventory



Revenue



Support

Sales

- **Direct URL:** /sales
- **Functionality:** View sales performance data and top products.
- **Role-Based Access:** Accessible to users involved in sales tracking.

Inventory

- **Direct URL:** /inventory
- **Functionality:** Manage stock levels, view product details, and monitor alerts.
- **Role-Based Access:** Accessible to all users with inventory management permissions.

Revenue

- **Direct URL:** /revenue
- **Functionality:** Analyze revenue trends, costs, and profit margins.
- **Role-Based Access:** Accessible to all users with revenue analysis permissions.

Customer Support

- **Direct URL:** /support
- **Functionality:** Handle customer inquiries and notifications related to stock levels.
- **Role-Based Access:** Accessible to customer support personnel only.

KEY FEATURES OVERVIEW

- **Purpose of this Section:**
 - To provide a detailed explanation of each key route in the H&M Dashboard, including their functionalities and benefits.
- **Routes Covered:**
 - Inventory
 - Revenue
 - Sales
 - Customer Support

SALES PERFORMANCE

- **Direct URL:** `/sales`
- **Functionality:**
 - **View Sales Performance Data:**
 - Monitor real-time sales data, including total sales volume and sales by category.
 - **Top Products:**
 - Identify top-selling products and categories based on sales data.
 - **Sales Insights:**
 - Access detailed insights and metrics to inform sales strategies.
- **How to Access:**
 - Click on the **Sales** link in the navigation bar.
 - The sales performance page will display key metrics and insights.

SALES DATA BY CATEGORY

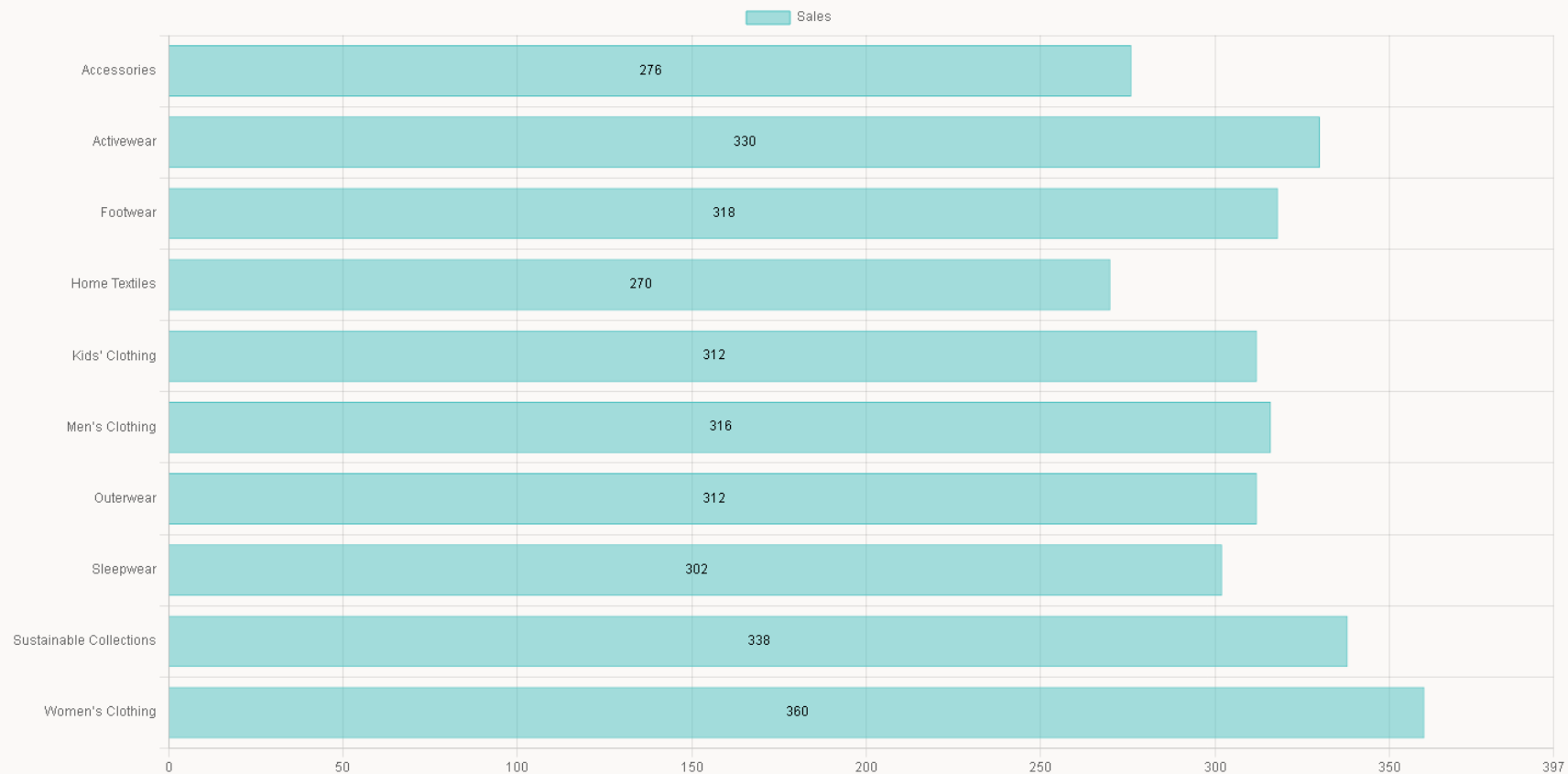
- **Functionality:**
 - **Time Frame Dropdown:**
 - Toggle between options:
 - Today
 - Last 3 Days
 - Last Week
 - Last Month
 - Last 3 Months
 - Last 6 Months
 - Last Year
 - **Updates Dropdown:**
 - Choose between real-time updates or static data.
 - **Bar Chart Display:**
 - Visual representation of sales by category for the selected time frame.
- **How to Access:**
 - Click on the **Sales** link in the navigation bar.
 - Navigate to the **Sales Data by Category** section.

H&M Sales Performance Monitoring

Sales Data By Category

Last Week

Updates: Realtime

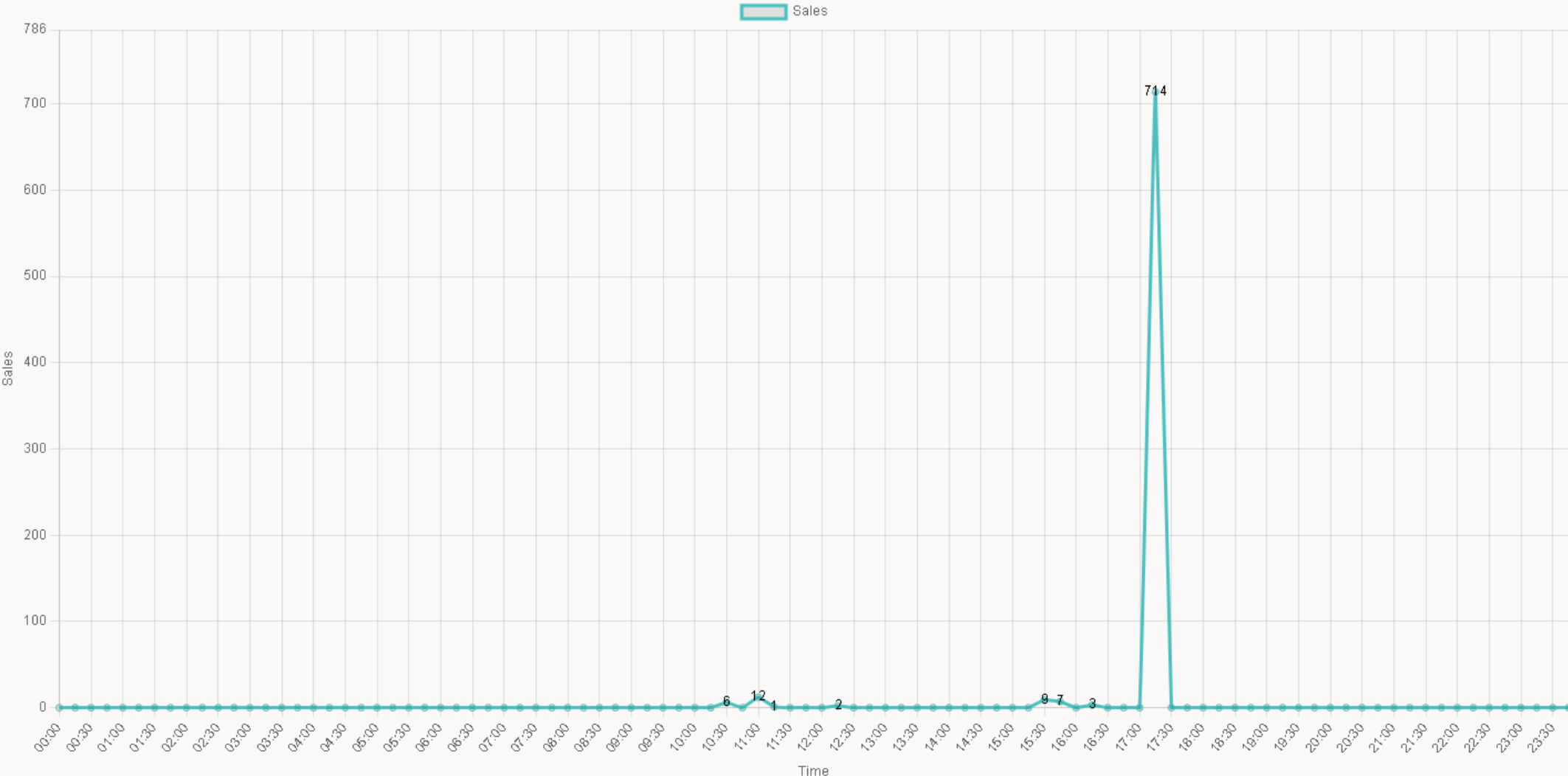


SALES DATA BY DATE

- **Functionality:**
 - **Date Input Field:**
 - Defaults to today's date but can be modified.
 - **Automatic Refresh:**
 - Data updates after each page reload to reflect the latest sales information.
 - **Line Chart Display:**
 - Visual representation of sales for the selected date.
- **How to Access:**
 - In the Sales Performance section, locate the **Sales Data by Date** area.
 - Enter the desired date or use the default date.

Sales Data by Date

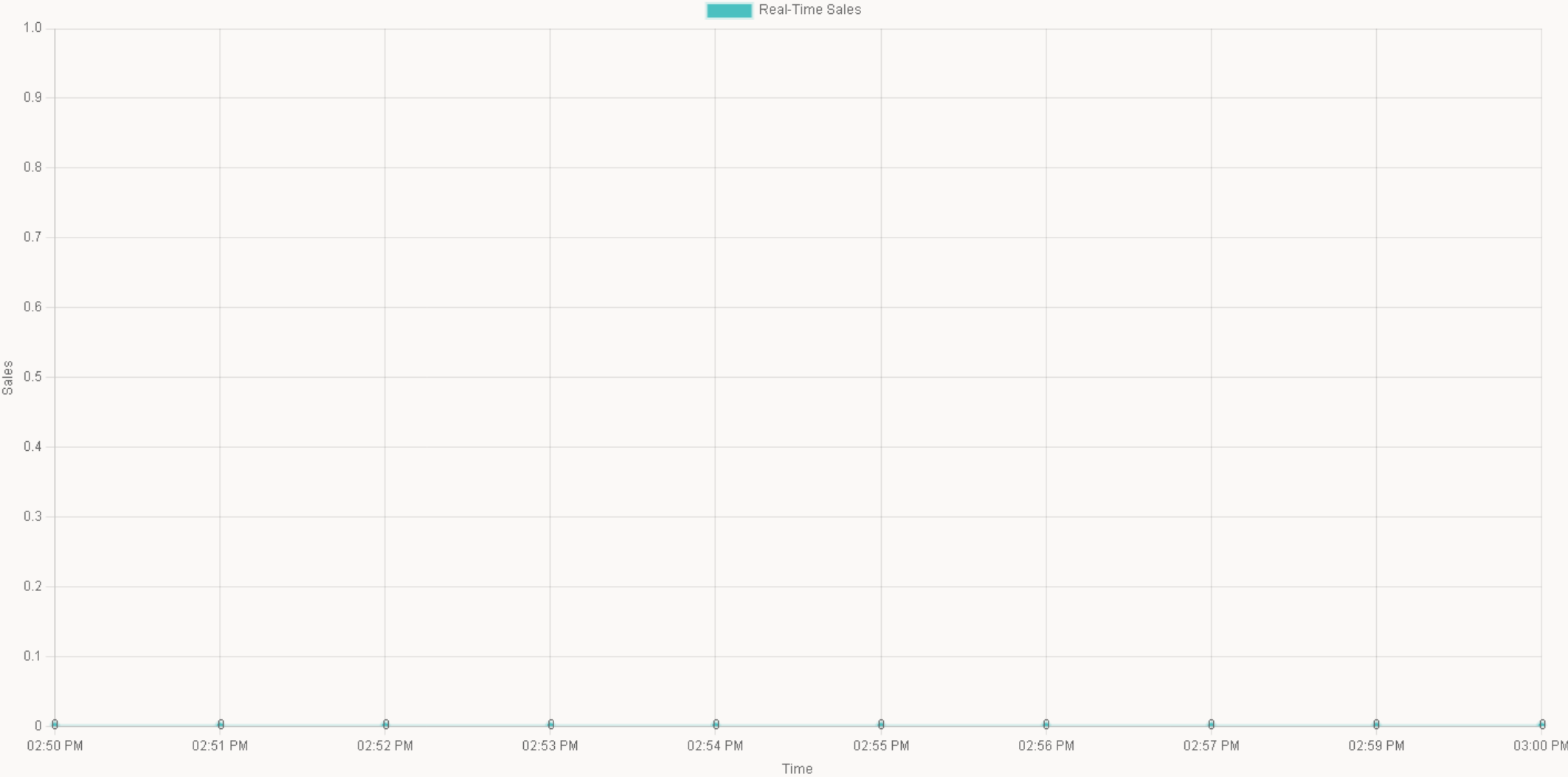
Select a date: 09/26/2024



LIVE SALES DATA

- **Functionality:**
 - **Last 10 Minutes of Data:**
 - Displays sales data for the last 10 minutes.
 - **Minute Updates:**
 - Updates automatically every minute without additional configuration.
 - **Line Chart Display:**
 - Visual representation of sales per minute for the last 10 minutes.
- **How to Access:**
 - Navigate to the **Live Sales Data** section within the Sales Performance page.

Live Sales Data (Changes Every Minute)



MOST SELLING PRODUCTS RANK

- **Functionality:**
 - **Ranking:**
 - Displays the top-selling products based on sales data.
 - **Pagination:**
 - Shows up to 10 products at a time, with options to navigate between pages.
- **How to Access:**
 - Scroll to the **Most Selling Products Rank** section on the Sales Performance page.

Top Ranking Products By Sales

Rank	ID	Name	Total Sales
1	11	Yoga Pants	111
2	10	Formal Shirt	105
3	48	Premium Yoga Mat	100
4	18	Warm Gloves	97
5	12	Running Shorts	89
6	45	Luxury Sofa	80
7	39	Luxury Handbag	77
8	21	Designer Sunglasses	75
9	20	Leather Wallet	75
10	47	Chic Clutch	74

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MOST SELLING CATEGORY RANK

- **Functionality:**
 - **Ranking:**
 - Displays the top-selling product categories based on sales data.
 - **Pagination:**
 - Shows up to 10 categories at a time, with options to navigate between pages.
- **How to Access:**
 - Scroll to the **Most Selling Category Rank** section on the Sales Performance page.

Top Ranking Categories By Sales

Rank	ID	Name	Total Sales
1	1	Women's Clothing	512
2	7	Activewear	499
3	3	Kids' Clothing	466
4	10	Sustainable Collections	462
5	2	Men's Clothing	455
6	8	Sleepwear	451
7	9	Outerwear	445
8	5	Footwear	427
9	4	Accessories	420
10	6	Home Textiles	409

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INVENTORY MANAGEMENT

- **Direct URL:** `/inventory`
- **Functionality:**
 - **Manage Stock Levels:**
 - View and monitor stock levels for each product in real-time or static modes.
 - **Product Details:**
 - Display key product information such as current stock, average daily usage (30 days), reorder point, and total value of stock.
 - **Low Stock Alerts:**
 - Visual indicators for stock status (Red for low stock and Green for recent changes within the last minute).
 - **Search & Sort Options:**
 - Use search input to find products by name or ID.
 - Sort inventory by stock levels in static mode or by ID in real-time mode.
- **How to Access:**
 - Click on the **Inventory** link in the navigation bar.
 - The inventory management page will display product details and stock levels.



Monitor Stock Levels

Search here



Sort By: Low To High Stock

Updates: Static

 adminTest
admin Sales Inventory Revenue Support

30 Luxury Pillow

Current Stock: 8
Average Daily Usage (90 Days): 0.32
Reorder Point: 19
Total Value of stock: ₹35200

75 High-Quality Paintings

Current Stock: 16
Average Daily Usage (90 Days): 0.22
Reorder Point: 16
Total Value of stock: ₹128000

81 Designer Rug

Current Stock: 15
Average Daily Usage (90 Days): 0.13
Reorder Point: 13
Total Value of stock: ₹45000

10 Formal Shirt

Current Stock: 31
Average Daily Usage (90 Days): 0.62
Reorder Point: 28
Total Value of stock: ₹62000

19 Raincoat

Current Stock: 9
Average Daily Usage (90 Days): 0.30
Reorder Point: 19
Total Value of stock: ₹45000

78 Elegant Table Runner

Current Stock: 17
Average Daily Usage (90 Days): 0.22
Reorder Point: 16
Total Value of stock: ₹37400

41 Fashionable Watch

Current Stock: 21
Average Daily Usage (90 Days): 0.31
Reorder Point: 19
Total Value of stock: ₹147000

18 Warm Gloves

Current Stock: 25
Average Daily Usage (90 Days): 0.37
Reorder Point: 21
Total Value of stock: ₹60000

43 Elegant Skirt

Current Stock: 15
Average Daily Usage (90 Days): 0.18
Reorder Point: 15
Total Value of stock: ₹22500

77 Luxury Bed Linen

Current Stock: 16
Average Daily Usage (90 Days): 0.14
Reorder Point: 14
Total Value of stock: ₹96000

13 Cozy Blanket

Current Stock: 21
Average Daily Usage (90 Days): 0.31
Reorder Point: 19
Total Value of stock: ₹37800

11 Yoga Pants

Current Stock: 36
Average Daily Usage (90 Days): 0.70
Reorder Point: 31
Total Value of stock: ₹54000

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OPTIONS

1. Search Functionality:

- **Search by Product ID:**

- Quickly locate specific products by entering their unique ID in the search bar.

- **Search by Product Name:**

- Find products by typing the product name for easy identification.

2. Sorting Options:

- **Realtime Mode:**

- Sort inventory by **Product ID** only.

- **Static Mode:**

- Sort inventory by **Low to High Stock**.
- Sort inventory by **High to Low Stock** based on current stock levels and reorder points.

OPTIONS

3. Update Options:

- **Realtime Update:**
 - Automatically reflects any inventory changes (such as new orders or restocks) in real time without manual refresh.
- **Static Update:**
 - Displays inventory data as it was at the time of loading. Requires manual refresh to view updated stock levels.

4. How to Access:

- Use the search bar to locate items by name or ID.
- Toggle between sorting options using the **Sort** dropdown.
- Switch between **Realtime** and **Static** updates using the **Update** dropdown.

Monitor Stock Levels



Search here



Sort By: Low To High Stock



Updates: Static



Filters:

Id

Name

Toggle this button and Select
required search feature

Select Sort by option from here

Select Updates option from
here

PRODUCT GRID OVERVIEW

- **Grid Layout:**
 - The inventory is presented in a **grid view** featuring **12 product cards** per page.
- **Real-Time Updates:**
 - All products are displayed in **real-time**, reflecting the latest stock levels and changes immediately.
- **Static Update Option:**
 - The grid provides an option for **static updates**, showing a maximum of **12 products** on a single page with **pagination** for easy navigation.
- **User Experience:**
 - This layout allows for quick scanning of stock levels and product details, enhancing usability.

30 **Luxury Pillow**

Current Stock: 8
Average Daily Usage (90 Days): 0.32
Reorder Point: 19
Total Value of stock: ₹35200

19 **Raincoat**

Current Stock: 9
Average Daily Usage (90 Days): 0.30
Reorder Point: 19
Total Value of stock: ₹45000

43 **Elegant Skirt**

Current Stock: 15
Average Daily Usage (90 Days): 0.18
Reorder Point: 15
Total Value of stock: ₹22500

75 **High-Quality Paintings**

Current Stock: 16
Average Daily Usage (90 Days): 0.22
Reorder Point: 16
Total Value of stock: ₹128000

78 **Elegant Table Runner**

Current Stock: 17
Average Daily Usage (90 Days): 0.22
Reorder Point: 16
Total Value of stock: ₹37400

77 **Luxury Bed Linen**

Current Stock: 16
Average Daily Usage (90 Days): 0.14
Reorder Point: 14
Total Value of stock: ₹96000

81 **Designer Rug**

Current Stock: 15
Average Daily Usage (90 Days): 0.13
Reorder Point: 13
Total Value of stock: ₹45000

41 **Fashionable Watch**

Current Stock: 21
Average Daily Usage (90 Days): 0.31
Reorder Point: 19
Total Value of stock: ₹147000

13 **Cozy Blanket**

Current Stock: 21
Average Daily Usage (90 Days): 0.31
Reorder Point: 19
Total Value of stock: ₹37800

10 **Formal Shirt**

Current Stock: 31
Average Daily Usage (90 Days): 0.62
Reorder Point: 28
Total Value of stock: ₹62000

18 **Warm Gloves**

Current Stock: 25
Average Daily Usage (90 Days): 0.37
Reorder Point: 21
Total Value of stock: ₹60000

11 **Yoga Pants**

Current Stock: 36
Average Daily Usage (90 Days): 0.70
Reorder Point: 31
Total Value of stock: ₹54000

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DETAILED VIEW OF EACH PRODUCT

- **Product Information Displayed on Each Card:**
 - **Product ID & Name:**
 - Located at the **top-left corner** of the card, displaying the product's unique identifier (e.g., 30) and name (e.g., Luxury Pillow).
 - **Stock Details:**
 - **Current Stock:** Shows the current quantity available
 - **Average Daily Usage:** Displays the daily consumption rate for the last 90 days
 - **Reorder Point:** Indicates the threshold where restocking should be triggered
 - **Total Value of Stock:** Reflects the monetary value of current stock
- **Alert & Status Icons:**
 - **Red Alert Icon:**
 - Appears in the **top-right corner** when the product falls **below the reorder point**, signaling a need for immediate action.
 - **Green Update Icon:**
 - Indicates inventory changes within the **last 1 minute**, helping track recent updates.

78 Elegant Table Runner

Current Stock:	17
Average Daily Usage (90 Days):	0.22
Reorder Point:	16
Total Value of stock:	₹37400

19

Raincoat

Current Stock:

9

Average Daily Usage (90 Days): 0.30

Reorder Point: 19

Total Value of stock: ₹45000

Red Alert Icon

1

Basic T-Shirt

Current Stock: 38

Average Daily Usage (90 Days): 0.36

Reorder Point: 20

Total Value of stock: ₹19000

Green Alert Icon

ADD INVENTORY BUTTON

- **Add Inventory Button Overview:**
 - Each product card features an **Add Inventory** button for efficient stock management.
- **Functionality:**
 - **User Interaction:**
 - When clicked, prompts the user to input:
 - **Product ID:** Identifies the specific product to be restocked.
 - **Restock Value/Inventory Required:** Specifies the quantity to add to current stock.
 - **Automatic Notification:**
 - Once inventory is added, an email is automatically sent to the supplier requesting the restock of the specified item.
- **Purpose:**
 - Facilitates quick and seamless inventory management.
 - Reduces delays in restocking low inventory items.

H&M Inventory Management



Management



Add Inventory

Product ID

Required Stock

Submit

NOTIFICATION CENTER

- **Notification Center Overview:**
 - Centralized panel for displaying alerts and notifications related to inventory status.
- **Real-Time Alerts:**
 - **Low Stock Notifications:**
 - Alerts appear for items that fall below the reorder point, indicating immediate action is required.
- **Alert Levels:**
 - As orders are received for items already marked with low stock alerts, the alert levels increase.
 - **High Alert Visibility:**
 - Notifications with higher alert values are prioritized and displayed prominently at the top of the Notification Center.
- **User Interaction:**
 - Each notification provides:
 - Details about the specific product and its current stock status.
 - A **Redirect Button** that directs users to the **Add Inventory Card**, pre-filled with product details for efficient restocking.

Management



Notification History

Low Stock Alert (Alert Level : 3)

The stock for "**Raincoat**" (ID: **19**) is below the threshold level. Current stock: **9** units. Please reorder soon to avoid stock outs.

 Add New Stock

Low Stock Alert (Alert Level : 4)

The stock for "**Luxury Pillow**" (ID: **30**) is below the threshold level. Current stock: **8** units. Please reorder soon to avoid stock outs.

 Add New Stock

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English Hat

9

Casual Sneakers

REVENUE AND PROFIT ANALYSIS PAGE

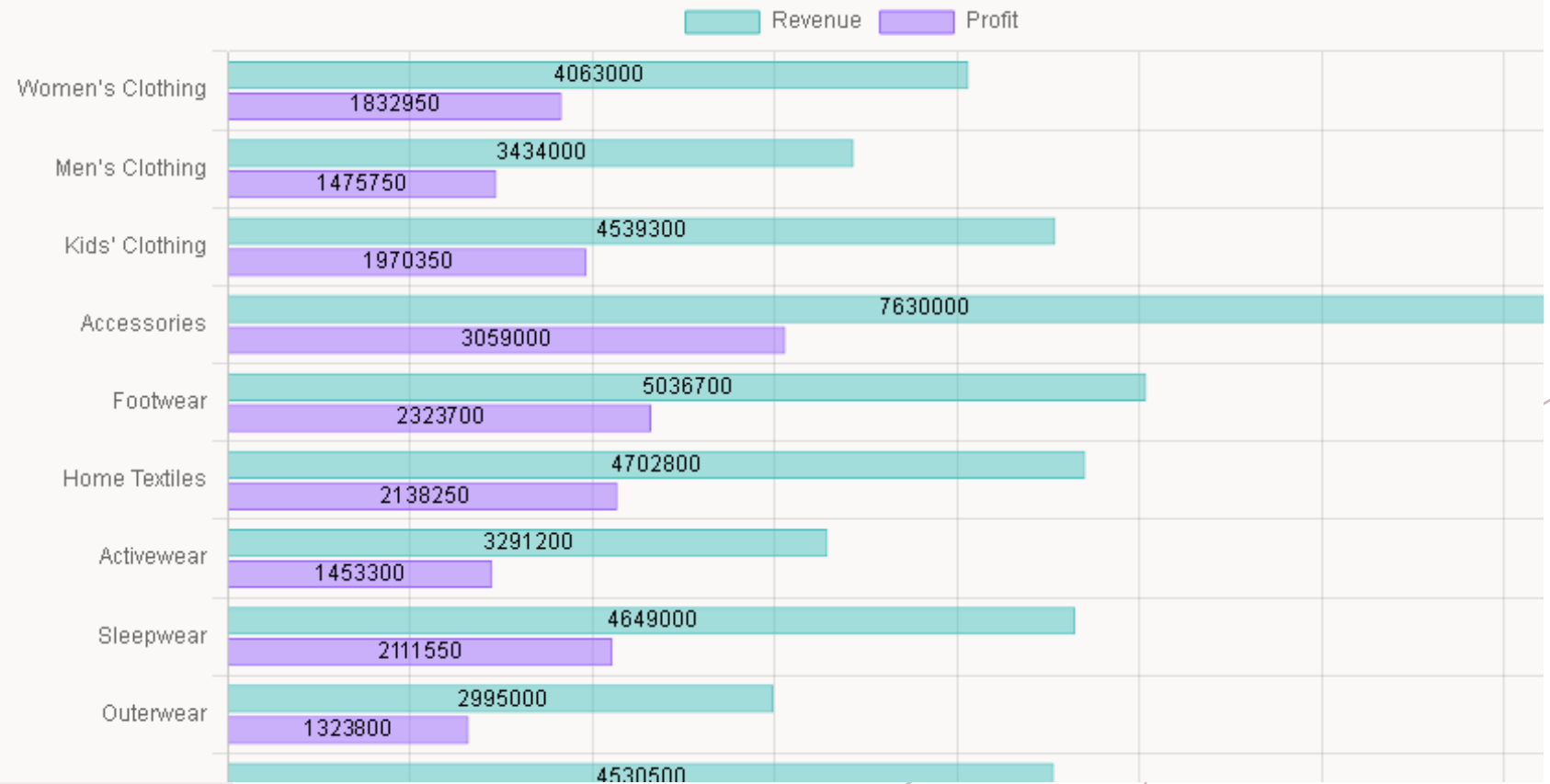
- **Direct URL:** /revenue
- **Functionality:**
 - **Analyze Revenue and Profit:**
 - Gain insights into revenue and profit metrics across different product categories.
 - **Top Revenue by Category:**
 - Visual representation of the top 10 categories based on revenue and profit, displayed in a stacked bar chart.
 - **Product Performance Overview:**
 - A pie chart shows revenue and profit for each product, with a search option to find products by ID or name.
 - **Top Products Ranking:**
 - A paginated table showcasing the top 10 products ranked by revenue, making it easy to identify high performers.
- **How to Access:**
 - Click on the Revenue link in the navigation bar.
 - The revenue analysis page will display all key metrics and insights.



H&M Revenue & Profit Analysis

Total Revenue of Categories

Last Month

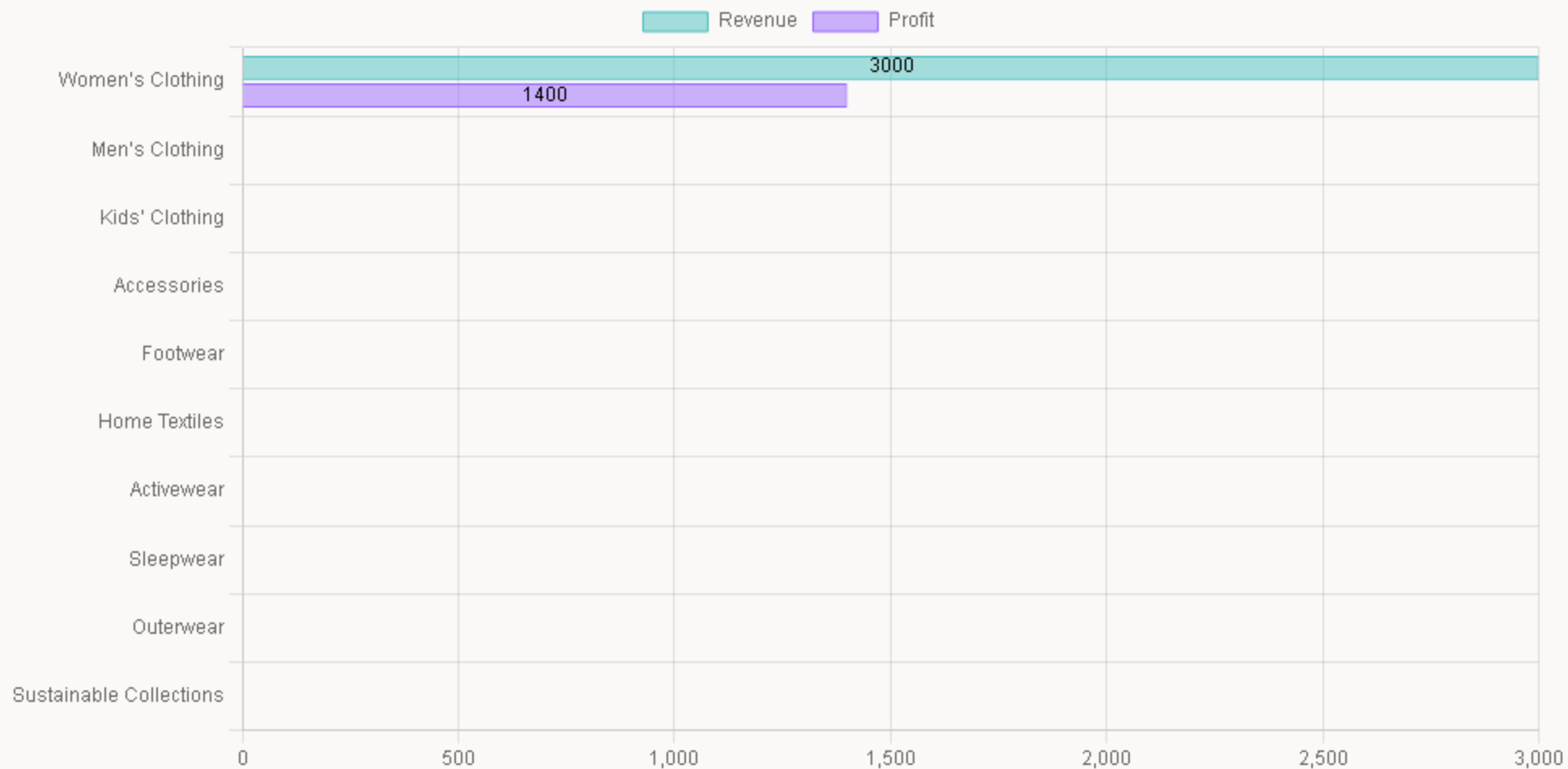


TOP REVENUE BY CATEGORY

- **Visual Representation:**
 - Stacked bar chart displaying the top 10 categories based on revenue and profit.
- **Dynamic Timeframe Selection:**
 - Dropdown menu to toggle between timeframes:
 - Today
 - Last 3 Days
 - Last Week
 - Last Month
 - Last 3 Months
 - Last 6 Months
 - Last Year
- **Insights:**
 - Provides a clear overview of revenue performance across categories, helping to identify trends over selected periods.

Total Revenue of Categories

Today ▾

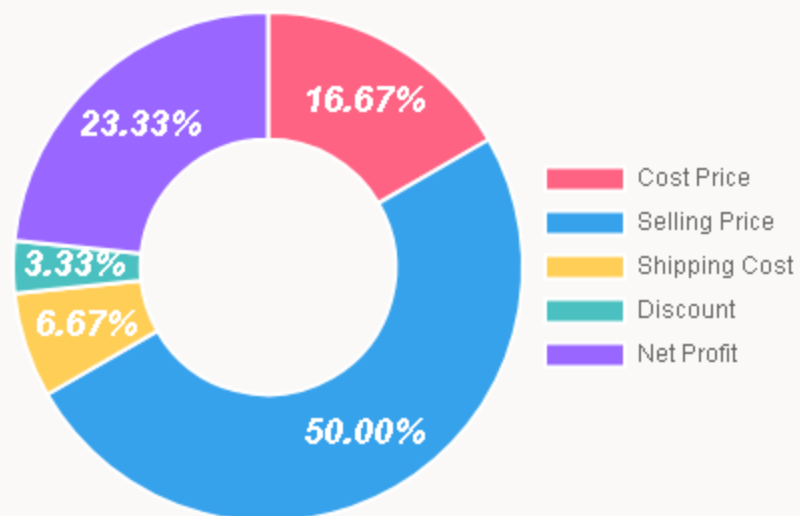


PRODUCT COST BREAKDOWN PIE CHART

- **Visual Representation:**
 - Pie chart illustrating the cost breakdown for each product.
- **Dynamic Search Functionality:**
 - Search bar to find specific products by ID or name.
 - First matching result will be highlighted in the pie chart.
- **Detailed Cost Information Displayed:**
 - For each selected product, the following values are presented:
 - Cost Price
 - Selling Price
 - Shipping Cost
 - Discount
 - Net Profit
 - Current Stock
 - Average Daily Usage
- **How to Access:**
 - Navigate to the Revenue analysis page, where the Product Cost Breakdown Pie Chart will be displayed.

Cost Analysis

≡ Search here



Cost Breakdown Chart

Product ID: 1

Basic T-Shirt

Item	Amount
Cost Price	₹500
Selling Price	₹1500
Shipping Cost	₹200
Discount	₹100
Net Profit	₹700
Current Stock	37
Average Daily Usage	0.35556

TOP RANKING SEARCH VALUES TABLE

- **Paginated Table:**
 - Displays the top 10 products based on search rankings.
- **Key Information Presented:**
 - Each entry includes essential details such as:
 - **Product ID**
 - **Product Name**
- **Sorting Mechanism:**
 - Products are sorted based on the number of search values, highlighting the most searched items.
- **User-Friendly Navigation:**
 - Pagination allows users to navigate through multiple pages of results easily.

Top Ranking Search Value

Rank	ID	Search Value	Count
1	5	Jeans	60
2	16	Polo Shirts	60
3	29	Cargo Pants	60
4	41	Blazers	60
5	67	Dress Pants	60
6	17	Button-Down Shirts	55
7	12	Cotton T-Shirts	50
8	1	Summer Dresses	50
9	28	Flannel Shirts	50
10	66	Blouses	50

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